Docket No.

211473US23

IN RE APPLICATION OF:

Brian D. JAMES, et al.

SERIAL NO:

09/928,437

FILED:

August 14, 2001

FOR:

HEAT EXCHANGE REACTOR HAVING INTEGRAL HOUSING ASSEMBLY

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an Amendment and Request for Reconsideration w/ Marked-Up Copy in the above-identified application.

No additional fee is required

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☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed. ☐ Additional documents filed herewith:

DEC 2 6 2002

TECHNOLOGY CENTER R3700

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS		RATE		CALCULATIONS
TOTAL	17	MINUS	20	0	х	\$18	=	\$0.00
INDEPENDENT	1	MINUS	3	0	х	\$84	=	\$0.00
		☐ MULTIPI	LE DEPENDENT (CLAIMS	+	\$280	=	\$0.00
			TOTAL OF	ABOVE CAI	CU	LATIO	NS	\$0.00
		☐ Reduction by 50% for filing by Small Entity					\$0.00	
			☐ Recordation of Assignment			\$40	=	\$0.00
	Single Land					TOT	AL	\$0.00

A check in the amount of \$0.00 is attached.

- Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- ☑ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,

MAIER & NEUSTADT, P.C

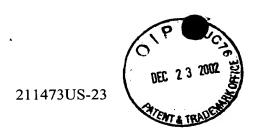
22850

Customer Number 22850 Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 10/01) J. Derek Mason

Registration No. 35,270

John K. Pike, PH.D.

Registration No. 41,253



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

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FRANKLIN D. LOMAX JR. ET AL

: EXAMINER: LEO, L. R.

DEC 26 2002

SERIAL NO: 09/928,437

TECHNOLOGY CENTER R3700

FILED: AUGUST 14, 2001

: GROUP ART UNIT: 3743

FOR: HEAT EXCHANGE REACTOR

HAVING INTEGRAL HOUSING

ASSEMBLY

AMENDMENT AND REQUEST FOR RECONSIDERATION

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

SIR:

Responsive to the Official Action dated October 4, 2002, please reconsider the aboveidentified application in view of the following amendments and remarks.

IN THE CLAIMS

Please cancel Claim 12.

Please amend the claims as follows:

1. (Amended) A heat exchange reactor, comprising:

at least one tube bundle comprising a plurality of tubes arranged substantially parallel to a common longitudinal axis and within an external pressure housing, said bundle comprising first and second ends in respective first fluid communication with at least one first fluid inlet and at least one first fluid outlet, and said external pressure housing

comprising at least one second fluid inlet and at least one second fluid outlet;